Jianmin Xu

List of Publications by Year
in descending order

28 papers	99 citations	1478505 6 h-index	1588992 8 g-index
28 all docs	28 docs citations	28 times ranked	60 citing authors

#	Article	IF	Citations
1	Two-Way Bandwidth Maximization Model with Proration Impact Factor for Unbalanced Bandwidth Demands. Journal of Transportation Engineering, 2012, 138, 527-534.	0.9	17
2	Road network partitioning method based on Canopy-Kmeans clustering algorithm. Archives of Transport, 2020, 54, 95-106.	1.1	13
3	Optimization model for regional green wave coordinated control based on ring-and-barrier structure. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 68-80.	4.2	11
4	A Period-Specific Combined Traffic Flow Prediction Based on Travel Speed Clustering. IEEE Access, 2020, 8, 85880-85889.	4.2	10
5	Pband: A General Signal Progression Model With Phase Optimization Along Urban Arterial. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 344-354.	8.0	8
6	Multi-Step Traffic Speed Prediction Based on Ensemble Learning on an Urban Road Network. Applied Sciences (Switzerland), 2021, 11, 4423.	2.5	7
7	A mapreduce-based approach for shortest path problem in road networks. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1251-1259.	4.9	6
8	Research on red wave and green wave coordinated control model in arterial road for different traffic demands. , 2011, , .		4
9	Bi-Level Optimization Model of Boundary Signal Control for the Network Based on Macroscopic Fundamental Diagrams. International Journal of Intelligent Transportation Systems Research, 2020, 18, 113-121.	1.1	3
10	Adaptive control of isolated intersections based on sequential signal-stage optimisation. Proceedings of the Institution of Civil Engineers: Transport, 2021, 174, 170-181.	0.6	3
11	Research on pricing method of public bicycle service: A case study in Guangzhou. , 2016, , .		2
12	The modeling of big traffic data processing based on cloud computing. , 2016, , .		2
13	Signal control decision model for adjacent intersection based on coordination rate. , 2016, , .		2
14	A Traffic Flow Forecasting Method Regarding Traffic Network as a Digraph. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, .	1.2	2
15	Feedforward feedback iterative learning control method for the multilayer boundaries of oversaturated intersections based on the macroscopic fundamental diagram. Archives of Transport, 2020, 53, 67-87.	1.1	2
16	Multi-objective optimization of oversaturated signalized intersection based on fuzzy logic. , 2010, , .		1
17	Delay model for signal controlled intersections. , 2010, , .		1
18	A hierarchical public bicycle dispatching policy for dynamic demand. , 2016, , .		1

#	Article	IF	Citations
19	Research on early-warning model of vehicle lane-changing on the fast lane based on driver type*. , 2018, , .		1
20	Design of license plate recognition platform in micro traffic environment. , 2021, , .		1
21	Traffic Flow Prediction based on Time Information. , 2020, , .		1
22	Simulation-Based Evacuation System for Large-Scale Urban Road Network Considering Traffic Conditions. Transportation Research Record, 0, , 036119812210905.	1.9	1
23	Congestion Forecast Model from Integrated GPS/GIS Data Based on Fuzzy Logic and Neural Network. , 2008, , .		0
24	A green wave band model considering variable queue clearance time. , 2012, , .		0
25	Study of an improved algorithm for arterial traffic coordinated control considering the effect of turning-traffic flow. , 2012, , .		0
26	Consistency of signal coordinate control models under different traffic conditions. , 2012, , .		0
27	Heuristic Ant Algorithm for Road Network Traffic Coordination Control. Journal of Intelligent Systems, 2012, 21, .	1.6	0
28	Study on the signal control problem with pedestrians non-complying. , 2012, , .		0